

## Datasheet for ABIN7465372

### anti-UBA3 antibody



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#### Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 100 µL                              |
| Target:      | UBA3                                |
| Reactivity:  | Human                               |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This UBA3 antibody is un-conjugated |
| Application: | Western Blotting (WB)               |

#### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human UBA3. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Purified by antigen-affinity chromatography.   |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | UBA3   |
| Alternative Name: | ubiquitin like modifier activating enzyme 3 ( <a href="#">UBA3 Products</a> )  |
| Background:       | Ubiquitin like modifier activating enzyme 3 , NAE2 , UBE1C , hUBA3, The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating |

## Target Details

enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

|                   |                        |
|-------------------|------------------------|
| Molecular Weight: | 52 kDa                 |
| Gene ID:          | 9039                   |
| UniProt:          | <a href="#">Q8TBC4</a> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.<br>Not tested in other applications. |
| Comment:           | Positive Control: A431  |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal  |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |